

FIG. 1

REQUEST HISTORY BUFFER (RHB)

8

TAG
14

DATA 1
10

DATA 2
12

FIG.2

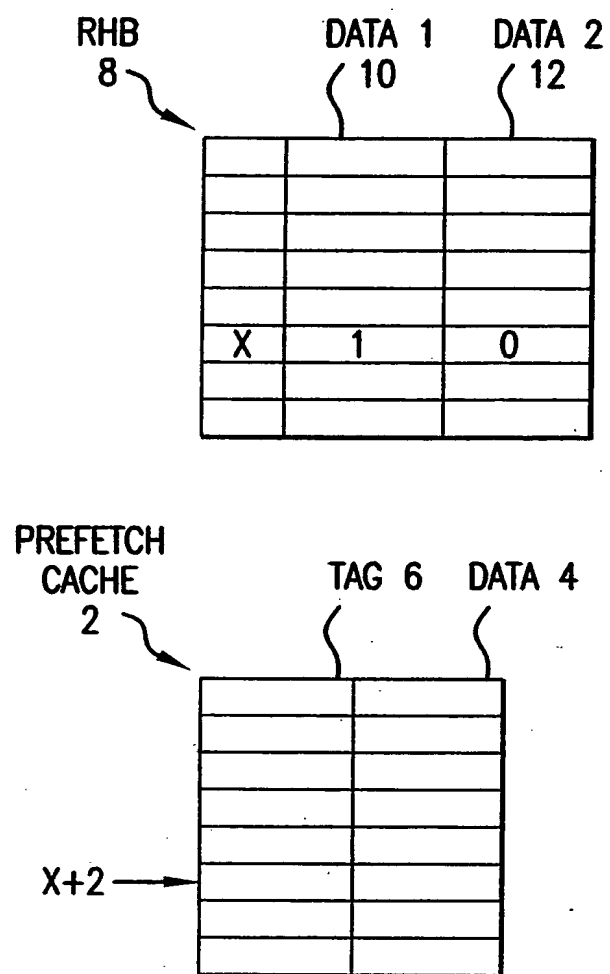


FIG.3A

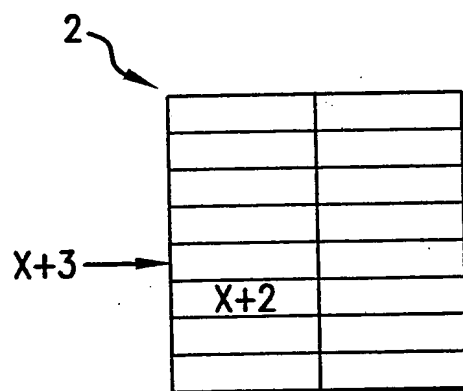
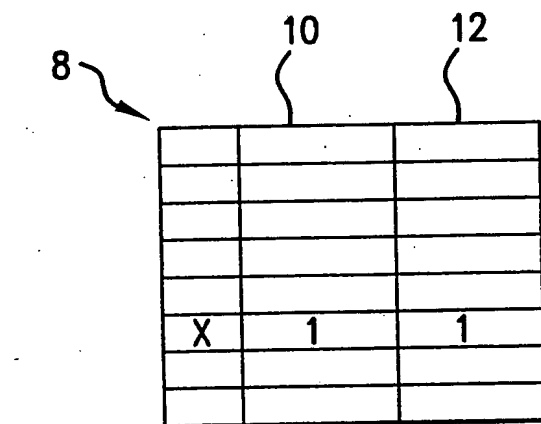


FIG.3B

8

X	1	1
X+2	1	0

2

X+4

X+3	
X+2	

FIG.3C

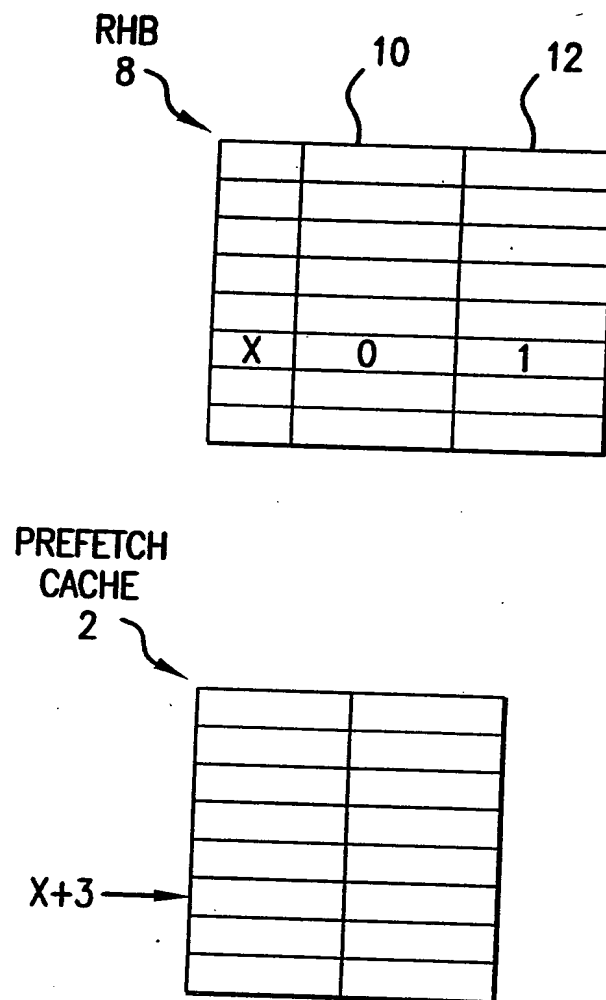


FIG. 4A

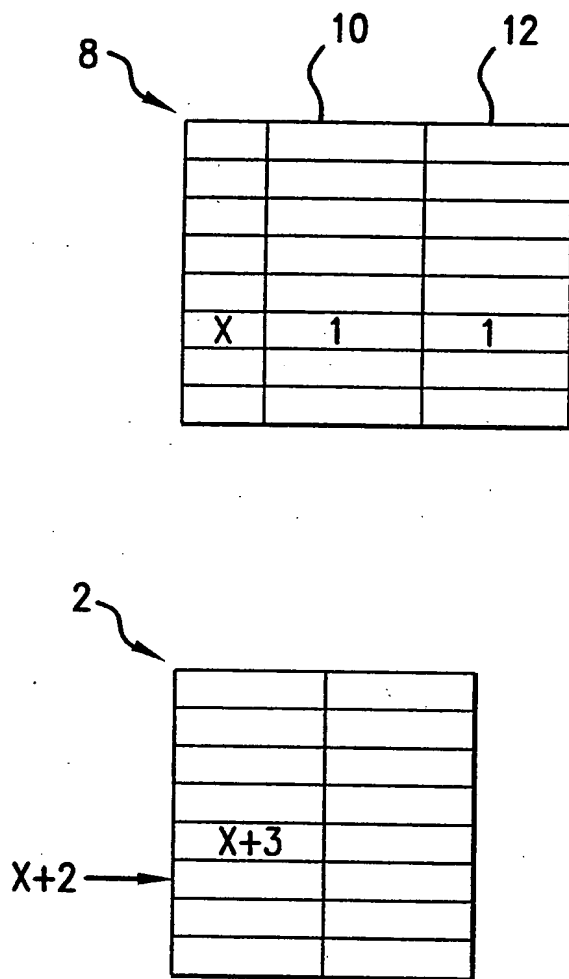


FIG.4B

Diagram showing a 7x3 grid structure. The grid is labeled with 8 (pointing to the first column), 10 (pointing to the second column), and 12 (pointing to the third column). The grid contains the following values:

X+2	1	0
X	1	1

Diagram showing a 9x2 grid structure. The grid is labeled with 2 (pointing to the first column). The grid contains the following values:

X+4	
X+3	
X+2	

FIG.4C

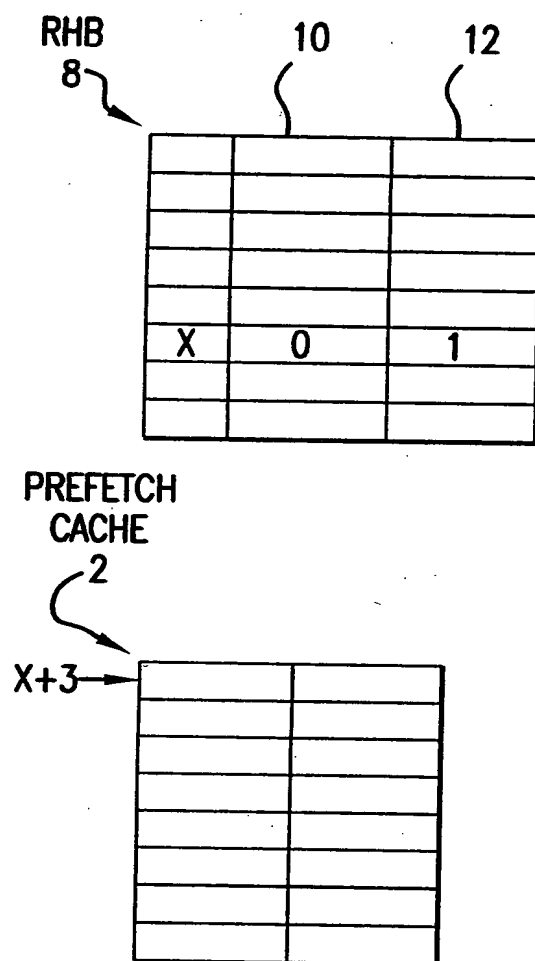


FIG.5A

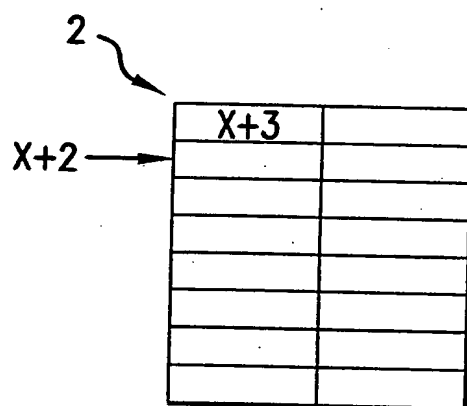
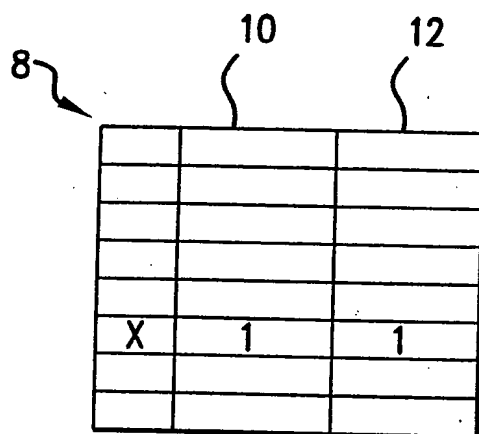


FIG.5B

8

10

12

X	1	1
X-2	0	1

2

X-3

X+3	
X+2	

FIG.5C

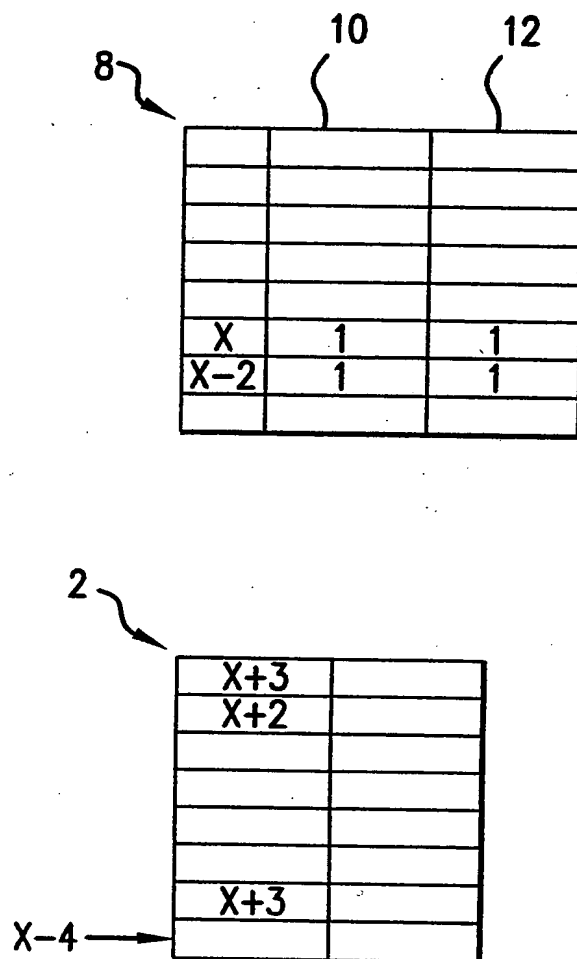


FIG.5D

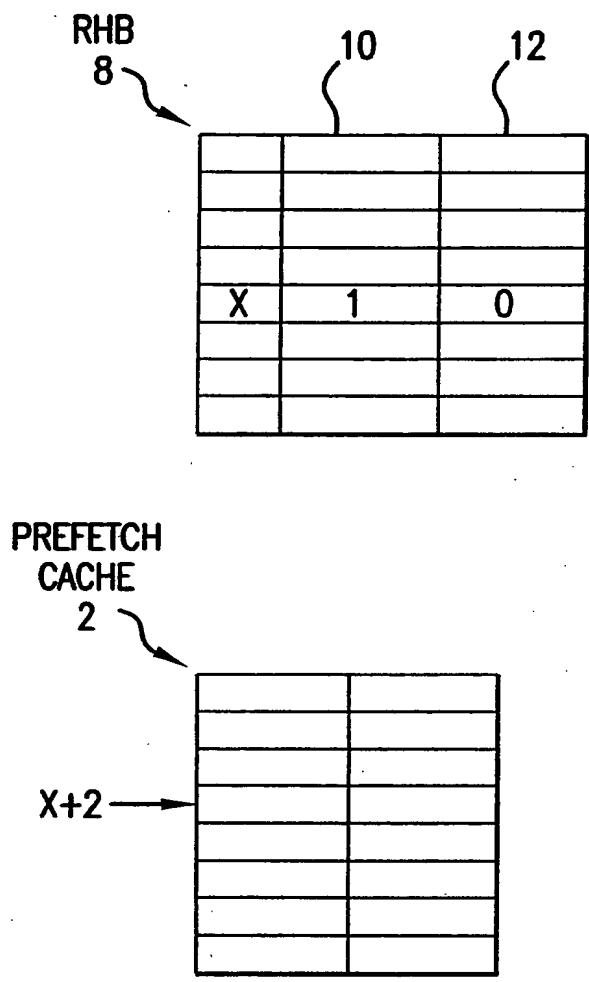


FIG.6A

8

X	1	1

2

X+3

X+2	

FIG. 6B

8

X	1	1
X-2	0	1

2

X+3	
X+2	
X-3	

FIG.6C

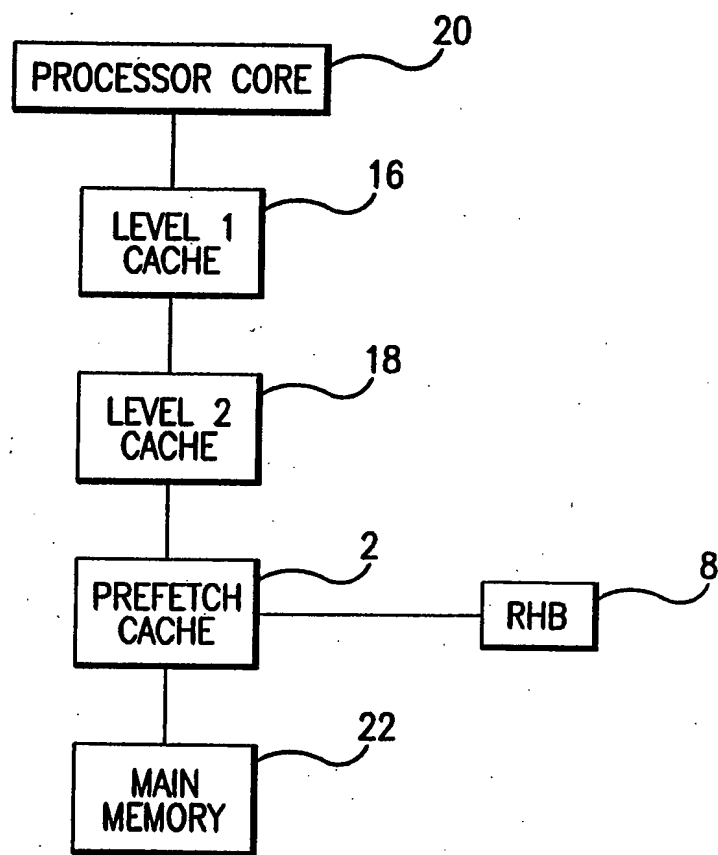


FIG.7